

# RESEARCH, DEVELOPMENT & TECHNOLOGY TRANSFER QUARTERLY PROGRESS REPORT

Wisconsin Department of Transportation  
DT1241 02/2011

## INSTRUCTIONS:

Research project investigators and/or project managers should complete a quarterly progress report (QPR) for each calendar quarter during which the projects are active.

<b>WisDOT research program category:</b> <input type="checkbox"/> Policy research <input type="checkbox"/> Other		<input checked="" type="checkbox"/> Wisconsin Highway Research Program <input type="checkbox"/> Pooled fund TPF#	Report period year: <b>2013</b> <input type="checkbox"/> Quarter 1 (Jan 1 – Mar 31) <input type="checkbox"/> Quarter 2 (Apr 1 – Jun 30) <input checked="" type="checkbox"/> Quarter 3 (Jul 1 – Sep 30) <input type="checkbox"/> Quarter 4 (Oct 1 – Dec 31)
Project title: <b>Evaluation of Thin Polymer Deck Overlays and Deck Sealers</b>			
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WisDOT contact: <b>Kimberley Dinkins</b>		Phone: <b>(608) 267-2828</b>	E-mail: <b>KimberleyR.Dinkins@dot.wi.gov</b>
WisDOT project ID: <b>0092-12-06</b>		Other project ID:	Project start date: <b>9/1/2011</b>
Original end date: <b>8/31/2014</b>		Current end date: <b>8/31/2014</b>	Number of extensions: <b>0</b>

## Project schedule status:

☐ On schedule ☐ On revised schedule ☐ Ahead of schedule ☒ Behind schedule

## Project budget status:

Total Project Budget	Expenditures Current Quarter	Total Expenditures	% Funds Expended	% Work Completed
\$166,992.00	\$10,415.00	\$128,050.00	76%	70%

**Project description:** This project explores the waterproofing capabilities, durability, and additional benefits of utilizing thin polymer overlays on bridge decks in Wisconsin. In this research we will compare performance of thin polymer overlays with each other and with new and emerging technologies to determine the optimal bridge deck maintenance strategy to be employed by WisDOT.

## Progress this quarter (includes meetings, work plan status, contract status, significant progress, etc.):

All specimens (including groups B and C) were coated with their respective overlays. Initial accelerated corrosion of all specimens was completed. Various exposure tests have begun. Coring and pull-out tests were performed.

## Anticipated work next quarter:




The exposure tests and monitoring will continue.

## Circumstances affecting project or budget:

We are about 2 months behind schedule due to additional time taken to design and build test fixtures. However, we expect to be able to recover this time during the remainder of the project.

Attach / insert Gantt chart and other project documentation

Year	2011				2012												2013												2014							
Month	09	10	11	12	01	02	03	04	05	06	07	08	09	10	11	12	01	02	03	04	05	06	07	08	09	10	11	12	01	02	03	04	05	06	07	08
Task 1																																				
Task 2																																				
Task 3																																				
Task 4																																				
Task 5																																				

 Original Plan  
 Revised – Panel meeting of 2/29/2012  
 Work Performed

**R** Submittal of draft report  
**F** Submittal of final report

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Staff receiving QPR: K. Dinkins	Date received: 10/02/2013
Staff approving QPR:	Date approved: